

Acoustic Preamp operating instructions

WARNING

THIS UNIT CONTAINS HIGH VOLTAGES.
DO NOT OPEN UNIT.
IN THE EVENT OF FAILURE TAKE UNIT TO A QUALIFIED SERVICE ENGINEER.
THIS UNIT CONTAINS GLASS – HANDLE WITH CARE.
ALWAYS USE THE SUPPLIED POWER ADAPTER.
NEVER USE A DC POWER ADAPTER



FIRST - Set Monitor and DI Output levels fully anti-clockwise (0 output).

Connect the supplied power adapter plug to the 12V AC input socket. By inserting and twisting 90° clockwise the plug will lock in position. To remove, twist the plug 90° anti-clockwise.

For connection to recording desk or PA system plug a standard XLR microphone lead into the DI output socket.

For connection to stage monitor amplifier use a standard guitar lead from the monitor output to the amp input.



Connect the guitar output lead to the input socket.

EFFECTS (FX) PATCH AND PROGRAMME (PROG) CONTROLS



Effects patches are selectable by rotating the FX PATCH switch to the desired number and the parameter of the selected patch can be edited by rotating the PROG control. The depth of effect can be set by using the FX LEVEL control.

PATCH #	PROGRAMME DESCRIPTION	PROG EDIT
1	Hall Reverb 1	Reverb Decay Time
2	Rotary Speaker -> Room	Rotary Speaker Speed
3	Chorus -> Delay -> Room	Delay Time
4	Hall Reverb 2	Reverb Decay Time
5	Hall Reverb 3	Reverb Decay Time
6	Room Reverb 3	Reverb Decay Time
7	Plate Reverb 1	Reverb Decay Time
8	Nonlinear Reverb	Reverb Decay Time
9	Chorus	Chorus Depth
10	Chorus -> Room	Reverb Decay Time
11	Delay	Delay Time
12	Flanger	Flanger Rate
13	Plate Reverb 3	Reverb Decay Time
14	Plate Reverb 2	Reverb Decay Time
15	Room Reverb 2	Reverb Decay Time
16	Room Reverb 1	Reverb Decay Time

The HEAT control varies the current flowing through the valve and when increased will add warmth and definition to the guitar tone. This control is very effective in defining mid-range frequencies.

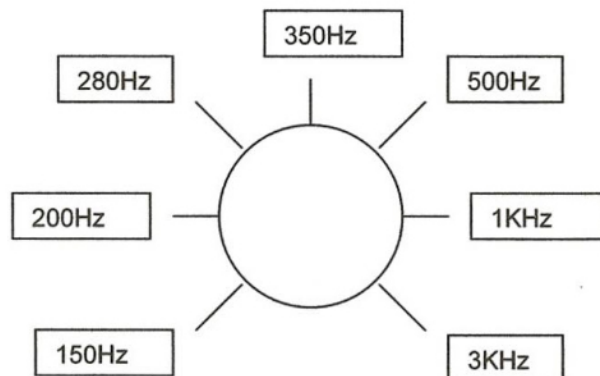
tone controls



The tone controls are divided into three bands – bass, treble, and parametric mid.

The bass control works at 100Hz; the treble control works at 10KHz.

The mid control is parametric and works between 150Hz – 3KHz as shown below.



All tone controls are either boost or cut with the 12 o'clock position = no effect.

OUTPUT LEVELS



The DI Output Level is Line Level. The PA desk input should be padded to reduce any floor noise.

The Monitor Output is also Line Level and the monitor amplifier input level should be set as low as possible.

The Ground Lift control will counter any ground loop interference.

SPECIFICATIONS

Power Input Source – 12V AC ONLY

Input impedance – 50KOhms
Output impedance, DI – 600 Ohms
Output impedance, Monitor – 10KOhms
Bass Control – +/-14dB @ 100Hz
Treble Control – +/-14dB @ 10KHz
Mid Control – +/-14dB @ 150-3KHz

The complete unit measures 150 x 100 x 50 mm and weighs approx 1 kilo.

The power supply plugs directly into a normal wall mains socket.

Power consumption is 6VA

The Preamp comes loaded with a JJ Gold pin ECC83S valve and the solid state circuitry uses OP amps that are of the highest audio quality.